

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|--------------------|---------------------|
| - | 7028 | cerium adj oxide | USPAT; US-PGPUB | 2004/07/30 12:22 |
| - | 1658 | (cerium adj oxide) and (118/\$.ccls. or 156/345.\$2.ccls. or 438/\$.ccls. or 427/\$.ccls. or 428/\$.ccls.) | USPAT; US-PGPUB | 2003/05/29 13:00 |
| - | 52 | (cerium adj oxide) and (118/\$.ccls. or 156/345.\$2.ccls.) | USPAT; US-PGPUB | 2003/05/29 13:13 |
| - | 41 | ((cerium adj oxide) and (118/\$.ccls. or 156/345.\$2.ccls.)) and @ad<20010330 | USPAT; US-PGPUB | 2004/07/30 14:01 |
| - | 340 | h011021/\$.ipc. and (cerium adj oxide) | JPO; DERWENT | 2003/05/15 10:44 |
| - | 3 | c23c016/\$.ipc. and (cerium adj oxide) | JPO; DERWENT | 2003/05/15 10:45 |
| - | 97 | ((h011021/\$.ipc. and (cerium adj oxide)) or (c23c016/\$.ipc. and (cerium adj oxide))) and (coat\$4 or layer or deposit\$4) | JPO; DERWENT | 2003/05/15 10:47 |
| - | 32 | ((h011021/\$.ipc. and (cerium adj oxide)) or (c23c016/\$.ipc. and (cerium adj oxide))) and (coat\$4 or layer or deposit\$4) and slurry | JPO; DERWENT | 2003/05/15 10:47 |
| - | 65 | ((h011021/\$.ipc. and (cerium adj oxide)) or (c23c016/\$.ipc. and (cerium adj oxide))) and (coat\$4 or layer or deposit\$4) not (((h011021/\$.ipc. and (cerium adj oxide)) or (c23c016/\$.ipc. and (cerium adj oxide))) and (coat\$4 or layer or deposit\$4) and slurry) | JPO; DERWENT | 2003/05/15 10:48 |
| - | 1 | 5762709.pn. | USPAT; US-PGPUB | 2003/05/15 13:18 |
| - | 4199 | (cerium or ceria) and (118/\$.ccls. or 156/345.\$2.ccls. or 438/\$.ccls. or 427/\$.ccls. or 428/\$.ccls.) | USPAT; US-PGPUB | 2004/07/30 14:36 |
| - | 4199 | ((cerium or ceria) and (118/\$.ccls. or 156/345.\$2.ccls. or 438/\$.ccls. or 427/\$.ccls. or 428/\$.ccls.)) and ceria | USPAT; US-PGPUB | 2003/05/29 13:05 |
| - | 24942 | ceria | USPAT; US-PGPUB | 2003/05/29 13:08 |
| - | 7088 | cerium adj oxide | USPAT; US-PGPUB | 2003/05/29 13:11 |
| - | 1677 | (cerium adj oxide) and (118/\$.ccls. or 156/345.\$2.ccls. or 438/\$.ccls. or 427/\$.ccls. or 428/\$.ccls.) | USPAT; US-PGPUB | 2003/05/29 13:13 |
| - | 104 | (cerium or ceria) and (118/\$.ccls. or 156/345.\$2.ccls.) | USPAT; US-PGPUB | 2003/05/29 14:13 |
| - | 344 | (h011021/\$.ipc. and (cerium adj oxide)) or (c23c016/\$.ipc. and (cerium adj oxide)) | JPO; DERWENT | 2004/04/04 16:59 |
| - | 5 | ((("5449432") or ("5540824") or ("5614055") or ("6054013") or ("6310577")).PN. | USPAT; US-PGPUB | 2003/05/30 08:34 |
| - | 3 | ((("4970116") or ("4328285") or ("4811701")).PN. | USPAT; US-PGPUB | 2003/05/30 09:40 |
| - | 32 | ((("2434236") or ("4340462") or ("4421799") or ("4465778") or ("4491496") or ("4593007") or ("4599270") or ("4948458") or ("5200232") or ("5262029") or ("5334462") or ("5362335") or ("5366585") or ("5522932") or ("5627124") or ("5641375") or ("5668072") or ("5680013") or ("5721057") or ("5788799") or ("5798016") or ("5820723") or ("5824605") or ("5834070") or ("5838529") or ("5851299") or ("5863376") or ("5879523") or ("5885356") or ("5895586") or ("6007880") or ("6048798")).PN. | USPAT; US-PGPUB | 2003/06/01 11:53 |

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|---|-------|--|--------------------|---------------------|
| - | 32 | ((("2434236") or ("4340462") or ("4421799") or ("4465778") or ("4491496") or ("4593007") or ("4599270") or ("4948458") or ("5200232") or ("5262029") or ("5334462") or ("5362335") or ("5366585") or ("5522932") or ("5627124") or ("5641375") or ("5668072") or ("5680013") or ("5721057") or ("5788799") or ("5798016") or ("5820723") or ("5824605") or ("5834070") or ("5838529") or ("5851299") or ("5863376") or ("5879523") or ("5885356") or ("5895586") or ("6007880") or ("6048798"))).PN. | USPAT; US-PGPUB | 2003/06/01 11:53 |
| - | 11 | ((("2434236") or ("4340462") or ("4421799") or ("4465778") or ("4491496") or ("4593007") or ("4599270") or ("4948458") or ("5200232") or ("5262029") or ("5334462") or ("5362335") or ("5366585") or ("5522932") or ("5627124") or ("5641375") or ("5668072") or ("5680013") or ("5721057") or ("5788799") or ("5798016") or ("5820723") or ("5824605") or ("5834070") or ("5838529") or ("5851299") or ("5863376") or ("5879523") or ("5885356") or ("5895586") or ("6007880") or ("6048798"))).PN.) and cerium | USPAT; US-PGPUB | 2003/10/14 11:22 |
| - | 2043 | alumina near (aluminum adj oxide) | USPAT; US-PGPUB | 2003/10/13 15:44 |
| - | 64 | (alumina near (aluminum adj oxide)) and anodized | USPAT; US-PGPUB | 2003/10/13 15:47 |
| - | 50 | ((alumina near (aluminum adj oxide)) and anodized) and @ad<20010330 | USPAT; US-PGPUB | 2003/10/13 16:49 |
| - | 5868 | cerium and (aluminum adj oxide) | USPAT; US-PGPUB | 2003/10/13 15:51 |
| - | 5 | ((("6447636") or ("6383964") or ("6123791") or ("5721057") or ("6527866"))).PN. | USPAT; US-PGPUB | 2003/10/13 16:44 |
| - | 410 | (cerium adj oxide) same polymer\$3 | USPAT; US-PGPUB | 2003/10/13 16:53 |
| - | 270 | ((cerium adj oxide) same polymer\$3) and substrate | USPAT; US-PGPUB | 2003/10/13 16:47 |
| - | 953 | (cerium adj oxide) near7 (film or layer or composit\$4) | USPAT; US-PGPUB | 2003/10/13 16:49 |
| - | 45 | ((((cerium adj oxide) same polymer\$3) and substrate) and ((cerium adj oxide) near7 (film or layer or composit\$4))) | USPAT; US-PGPUB | 2003/10/13 16:49 |
| - | 35 | (((((cerium adj oxide) same polymer\$3) and substrate) and ((cerium adj oxide) near7 (film or layer or composit\$4)))) and @ad<20010330 | USPAT; US-PGPUB | 2003/10/13 16:50 |
| - | 35523 | substrate near4 polymer\$3 | USPAT; US-PGPUB | 2003/10/13 16:53 |
| - | 14617 | substrate near polymer\$3 | USPAT; US-PGPUB | 2003/10/13 16:54 |
| - | 0 | (((((cerium adj oxide) same polymer\$3) and substrate) and ((cerium adj oxide) near7 (film or layer or composit\$4)))) and @ad<20010330) and (substrate near polymer\$3) | USPAT; US-PGPUB | 2003/10/13 16:54 |
| - | 0 | (((((cerium adj oxide) same polymer\$3) and substrate) and ((cerium adj oxide) near7 (film or layer or composit\$4)))) and @ad<20010330) and (substrate near polymer\$3) | USPAT; US-PGPUB | 2003/10/13 16:54 |
| - | 16 | (((((cerium adj oxide) same polymer\$3) and substrate) and ((cerium adj oxide) near7 (film or layer or composit\$4)))) and @ad<20010330) and (substrate near4 polymer\$3) | USPAT; US-PGPUB | 2003/10/14 13:49 |
| - | 663 | aluminum near (chamber or showerhead or (focus adj ring) or chuck) | USPAT; US-PGPUB | 2003/10/14 17:04 |

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|---|-------|--|--|---------------------|
| - | 10190 | ((118/715-730).ccls. or 118/500.ccls.) | USPAT; US-PGPUB | 2003/10/14 16:51 |
| - | 97 | (aluminum near (chamber or showerhead or (focus adj ring) or chuck)) and ((118/715-730).ccls. or 118/500.ccls.)) | USPAT; US-PGPUB | 2003/10/14 17:05 |
| - | 85 | ((aluminum near (chamber or showerhead or (focus adj ring) or chuck)) and ((118/715-730).ccls. or 118/500.ccls.))) and @ad<20010330 | USPAT; US-PGPUB | 2003/10/14 17:05 |
| - | 741 | aluminum near (chamber or showerhead or (focus adj ring) or chuck or pedestal) | USPAT; US-PGPUB | 2003/10/14 17:05 |
| - | 115 | (aluminum near (chamber or showerhead or (focus adj ring) or chuck or pedestal)) and ((118/715-730).ccls. or 118/500.ccls.)) | USPAT; US-PGPUB | 2003/10/14 17:05 |
| - | 101 | ((aluminum near (chamber or showerhead or (focus adj ring) or chuck or pedestal)) and ((118/715-730).ccls. or 118/500.ccls.))) and @ad<20010330 | USPAT; US-PGPUB | 2003/10/14 17:35 |
| - | 11 | polymer\$3 near7 (coat\$2 or film) near7 (cerium adj oxide) | USPAT; US-PGPUB | 2003/10/18 15:42 |
| - | 10 | (polymer\$3 near7 (coat\$2 or film) near7 (cerium adj oxide)) and @ad<20010330 | USPAT; US-PGPUB | 2003/10/18 15:42 |
| - | 25 | polymer\$3 near7 (coat\$2 or film) near7 cerium | USPAT; US-PGPUB | 2003/10/18 15:42 |
| - | 22 | (polymer\$3 near7 (coat\$2 or film) near7 cerium) and @ad<20010330 | USPAT; US-PGPUB | 2003/10/18 15:42 |
| - | 12 | ((polymer\$3 near7 (coat\$2 or film) near7 cerium) and @ad<20010330) not (polymer\$3 near7 (coat\$2 or film) near7 (cerium adj oxide)) | USPAT; US-PGPUB | 2003/10/18 15:43 |
| - | 1 | 5811022.pn. | USPAT; US-PGPUB | 2003/10/19 13:07 |
| - | 43 | (US-6447636-\$ or US-6432256-\$ or US-6420036-\$ or US-6391146-\$ or US-6352611-\$ or US-6327069-\$ or US-5810936-\$ or US-5601652-\$ or US-5049943-\$ or US-5362335-\$ or US-6469119-\$ or US-6246505-\$ or US-5490228-\$ or US-4043748-\$ or US-4064313-\$ or US-5403399-\$ or US-5368897-\$ or US-5231690-\$ or US-6123791-\$ or US-5721057-\$ or US-5668072-\$ or US-4599270-\$ or US-4593007-\$ or US-4421799-\$ or US-5811022-\$ or US-6355189-\$).did. or (US-6264859-\$).did. or (US-20020073918-\$ or US-20010006731-\$ or US-20020127351-\$ or US-20020110698-\$ or US-20020100554-\$).did. or (JP-11100271-\$ or JP-57074366-\$).did. or (JP-2001148370-\$ or EP-1088801-\$ or JP-11100271-\$ or JP-08068918-\$ or JP-04144962-\$ or JP-2000355761-\$ or JP-2000281494-\$ or JP-2000143349-\$ or JP-2001077102-\$ or JP-10270653-\$).did. | USPAT; US-PGPUB; JPO; DERWENT | 2004/04/04 16:44 |
| - | 1 | (US-2434236-\$).did. | USOCR | 2004/04/04 16:44 |
| - | 538 | ((coat\$4 or deposit\$3) near7 rough\$4) and (h011021/\$.ipc. or c23c016/\$.ipc.) | JPO; DERWENT | 2004/04/04 17:01 |
| - | 175 | ((coat\$4 or deposit\$3) near2 rough\$4) and (h011021/\$.ipc. or c23c016/\$.ipc.) | JPO; DERWENT | 2004/04/04 17:13 |
| - | 2 | ((coat\$4 or deposit\$3) near2 rough\$4) and (h011021/\$.ipc. or c23c016/\$.ipc.) and ((plasma or thermal) adj spray) | JPO; DERWENT | 2004/04/04 17:16 |
| - | 378 | ((coat\$4 or deposit\$3) near2 rough\$4) and ((plasma or thermal) adj spray) | USPAT; US-PGPUB | 2004/04/04 17:17 |
| - | 106 | ((coat\$4 or deposit\$3) near2 rough\$4) same ((plasma or thermal) adj spray) | USPAT; US-PGPUB | 2004/04/04 17:17 |
| - | 106 | ((coat\$4 or deposit\$3) near2 rough\$4) same ((plasma or thermal) adj spray)) and 2ad<20010330 | USPAT; US-PGPUB | 2004/04/04 17:18 |

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|---|------|--|--|---------------------|
| - | 77 | ((coat\$4 or deposit\$3) near2 rough\$4) same ((plasma or thermal) adj spray)) and @ad<20010330 | USPAT; US-PGPUB | 2004/04/04 17:18 |
| - | 51 | ((coat\$4 or deposit\$3) near2 rough\$4) same ((plasma or thermal) adj spray)) and @ad<20010330) and ceramic | USPAT; US-PGPUB | 2004/04/05 10:04 |
| - | 51 | ((coat\$4 or deposit\$3) near2 rough\$4) same ((plasma or thermal) adj spray)) and @ad<20010330) and ceramic | USPAT; US-PGPUB | 2004/04/05 10:04 |
| - | 48 | (US-6447636-\$ or US-6432256-\$ or US-6420036-\$ or US-6391146-\$ or US-6352611-\$ or US-6327069-\$ or US-6123791-\$ or US-5490228-\$ or US-5403399-\$ or US-5368897-\$ or US-5231690-\$ or US-4043748-\$ or US-4064313-\$ or US-5810936-\$ or US-5601652-\$ or US-5049943-\$ or US-5362335-\$ or US-5721057-\$ or US-5668072-\$ or US-4599270-\$ or US-4593007-\$ or US-4421799-\$ or US-6469119-\$ or US-6246505-\$ or US-5811022-\$ or US-6355189-\$).did. or (US-6264859-\$ or US-6475316-\$).did. or (US-20020073918-\$ or US-20010019781-\$ or US-20010006731-\$ or US-20020127351-\$ or US-20020110698-\$ or US-20020100554-\$).did. or (JP-57074366-\$ or JP-11100271-\$ or JP-2000332003-\$ or JP-2000068208-\$ or JP-2000223432-\$).did. or (JP-2001148370-\$ or EP-1088801-\$ or JP-2000355761-\$ or JP-2000281494-\$ or JP-2000143349-\$ or JP-11100271-\$ or JP-08068918-\$ or JP-04144962-\$ or JP-2001077102-\$ or JP-10270653-\$).did. | USPAT; US-PGPUB; JPO; DERWENT | 2004/06/21 17:53 |
| - | 1 | (US-2434236-\$).did. | USOCR | 2004/06/21 17:53 |
| - | 7600 | plasma adj spray\$3 | USPAT; US-PGPUB | 2004/07/30 13:57 |
| - | 707 | plasma adj spray\$3 same (cerium or ceria or yttrium or yttria) | USPAT; US-PGPUB | 2004/07/30 13:59 |
| - | 164 | plasma adj spray\$3 same (cerium or ceria) | USPAT; US-PGPUB | 2004/07/30 14:00 |
| - | 117 | (plasma adj spray\$3 same (cerium or ceria)) and @ad<20010330 | USPAT; US-PGPUB | 2004/07/30 14:37 |
| - | 112 | ((cerium or ceria) same (plasma adj spray\$4)) and (118/\$.ccls. or 156/345.\$2.ccls. or 438/\$.ccls. or 427/\$.ccls. or 428/\$.ccls.) | USPAT; US-PGPUB | 2004/07/30 14:37 |
| - | 79 | ((cerium or ceria) same (plasma adj spray\$4)) and (118/\$.ccls. or 156/345.\$2.ccls. or 438/\$.ccls. or 427/\$.ccls. or 428/\$.ccls.)) and @ad<20010330 | USPAT; US-PGPUB | 2004/07/30 14:45 |
| - | 1 | 5362335.pn. | USPAT; US-PGPUB | 2004/07/30 14:45 |
| - | 1 | 5721057.pn. | USPAT; US-PGPUB | 2004/07/30 14:52 |